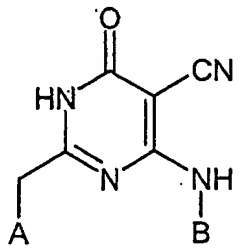
Amended Claims (Attorney Docket No. LeA 36 784)

1. (Currently amended) A compound ~~Compounds~~ of ~~the~~ formula



(I),

in which

A is C_1-C_8-alkyl, C_3-C_8-cycloalkyl, tetrahydrofuryl or tetrahydropyranyl, which are optionally substituted by up to 3 radicals independently of one another selected from the group of C_1-C_6-alkyl, C_1-C_6-alkoxy, hydroxycarbonyl, cyano, trifluoromethyl, trifluoromethoxy, amino, hydroxy, C_1-C_6-alkylamino, halogen, C_1-C_6-alkylaminocarbonyl, C_1-C_6-alkoxycarbonyl, C_1-C_6-alkylcarbonyl, C_1-C_6-alkylsulfonyl and C_1-C_6-alkylthio,

where C_1-C_6-alkyl, C_1-C_6-alkoxy, C_1-C_6-alkylamino, C_1-C_6-alkylaminocarbonyl, C_1-C_6-alkoxycarbonyl, C_1-C_6-alkylcarbonyl, C_1-C_6-alkylsulfonyl and C_1-C_6-alkylthio are optionally substituted by one or more radicals selected from the group of hydroxy, cyano, halogen, hydroxycarbonyl and a group of the formula $-NR^3R^4$,

where

R^3 and R^4 are independently of one another hydrogen or C_1-C_6-alkyl,

or

R^3 and R^4 together with the nitrogen atom to which they are bonded are 5- to 8-membered heterocyclyl,

B is phenyl or heteroaryl which are optionally substituted by up to 3 radicals independently of one another selected from the group of C_1-C_6-alkyl, C_1-C_6-alkoxy, hydroxycarbonyl, cyano, trifluoromethyl, trifluoromethoxy, amino, nitro, hydroxy,

C_1-C_6-alkylamino, halogen, C_1-C_6-alkylaminocarbonyl, C_1-C_6-alkoxycarbonyl, C_1-C_6-alkylcarbonyl, C_1-C_6-alkylsulfonyl and C_1-C_6-alkylthio,

where C_1-C_6-alkyl, C_1-C_6-alkoxy, C_1-C_6-alkylamino, C_1-C_6-alkylaminocarbonyl, C_1-C_6-alkoxycarbonyl, C_1-C_6-alkylcarbonyl, C_1-C_6-alkylsulfonyl and C_1-C_6-alkylthio are optionally substituted by a radical selected from the group of hydroxy, cyano, halogen, hydroxycarbonyl and a group of the formula $-NR^3R^4$,

where

R^3 and R^4 have the abovementioned meanings,

~~and the~~ or salts, solvates and/or solvates of the salts thereof.

2. (Currently amended) A compound as claimed in claim 1, where

A is C_1-C_5-alkyl or C_3-C_6-cycloalkyl, which are optionally substituted by up to 3 radicals independently of one another selected from the group of C_1-C_4-alkyl, C_1-C_4-alkoxy, hydroxycarbonyl, cyano, amino, hydroxy, C_1-C_4-alkylamino, fluorine, chlorine, bromine, C_1-C_4-alkoxycarbonyl, C_1-C_6-alkylcarbonyl, C_1-C_4-alkylsulfonyl and C_1-C_4-alkylthio,

where C_1-C_4-alkyl and C_1-C_4-alkoxy are optionally substituted by a radical selected from the group of hydroxy, cyano, fluorine, chlorine, bromine, hydroxycarbonyl and a group of the formula $-NR^3R^4$,

where

R^3 and R^4 are independently of one another hydrogen or C_1-C_4-alkyl,

or

R^3 and R^4 together with the nitrogen atom to which they are bonded are 5- to 6-membered heterocyclyl,

B is phenyl, thienyl or pyridyl, which are optionally substituted by up to 3 radicals in each case independently of one another selected from the group of C_1-C_4-alkyl, C_1-C_4-alkoxy, hydroxycarbonyl, cyano, trifluoromethyl, trifluoromethoxy, amino, hydroxy, C_1-C_4-

alkylamino, fluorine, chlorine, bromine, C_1-C_4-alkylaminocarbonyl, C_1-C_4-alkoxycarbonyl, C_1-C_4-alkylcarbonyl, C_1-C_4-alkylsulfonyl and C_1-C_4-alkylthio,

where C_1-C_4-alkyl and C_1-C_4-alkoxy are optionally substituted by a radical selected from the group of hydroxy, cyano, fluorine, chlorine, bromine, hydroxycarbonyl and a group of the formula $-NR^3R^4$,

where

R^3 and R^4 have the abovementioned meanings,

~~and the~~ or salts, solvates and/or solvates of the salts thereof.

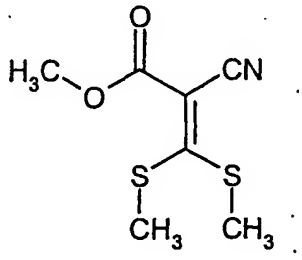
3. (Currently amended) A compound as claimed in claim~~s~~ 1 ~~and 2~~, where

A is C_3-C_5-alkyl or C_5-C_6-cycloalkyl,

B is phenyl, thienyl or pyridyl, which are optionally substituted by up to 3 radicals in each case independently of one another selected from the group of C_1-C_3-alkyl, trifluoromethyl, hydroxy, methoxy, ethoxy, cyano, dimethylamino, diethylamino, methoxycarbonyl, ethoxycarbonyl, methylcarbonyl, ethylcarbonyl, fluorine and chlorine,

~~and the~~ or salts, solvates and/or solvates of the salts thereof.

4. (Currently amended) A process for preparing compounds of ~~the~~ formula (I), characterized in that compounds of ~~the~~ formula



(II),

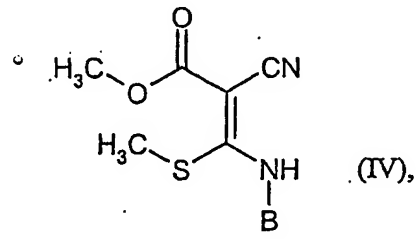
are initially converted with a compound of the formula

$$H_2N\text{-}B \qquad \text{(III)}$$

in which

B has the meanings stated in claims 1 ~~to 3~~,

at elevated temperature in an inert solvent or else in the absence of a solvent into a compound of ~~the~~ formula

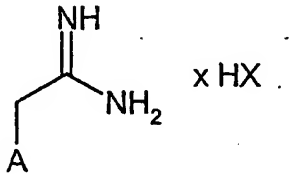


(IV),

in which

B has the meanings stated in claims 1 ~~to 3~~,

and the latter is then reacted in an inert solvent in the presence of a base with a compound of ~~the~~ formula



x HX

(V),

X = Cl, Br or I

in which

A has the meanings stated in claims 1 ~~to 3~~,

and the resulting compounds of ~~the~~ formula (I) are reacted where appropriate with the appropriate (i) solvents and/or (ii) bases or acids to give their solvates, salts and/or solvates of the salts.

5. (Cancelled).

6. (Original) A medicament comprising at least one of the compounds as claimed in any of claims 1 to 3 and at least one pharmaceutically acceptable, essentially nontoxic carrier or excipient.

7. (Cancelled).

8. (Cancelled).

9. (Currently amended) ~~The use of the compounds as claimed in any of claims 1 to 3 for producing a medicament for~~ A method for improving perception, concentration, learning and/or memory comprising administering to a human or animal an effective amount of a compound of claims 1 to 3.

10. (Currently amended) A method for ~~controlling~~ treating impairments of perception, concentration, learning and/or memory in humans or animals ~~by~~ comprising administering to a human or animal an effective amount of ~~the~~ a compound~~s from~~ of claims 1 to 3.

11. (Original) The method as claimed in claim 10, where the impairment is a consequence of Alzheimer's disease.